

## **CITY COUNCIL AGENDA MEMORANDUM**

### **SUBJECT**

Resolution No. ~~8753~~, authorizing execution of a professional services agreement with Natural Systems Design, Inc. for engineering services, for the Newport Creek Fish Passage Final Design and Construction Phase Services, in the amount of \$91,300 (CIP Plan No. D-81).

### **FISCAL IMPACT**

This contract obligates the City to an amount up to \$91,300. This work is included in the 2013-2019 CIP. Sufficient budget exists within the Fish Passage Improvement Program, (CIP Plan No. D-81) to fully fund this contract.

### **STAFF CONTACT**

Nav Ota, Director, 452-2041

Paul Bucich, Assistant Director of Engineering, 452-4596

*Utilities Department*

### **POLICY CONSIDERATION**

#### **Utilities Department policies:**

- Utilize best management practices and technology in City projects to demonstrate effective environmental stewardship and long-term fiscal responsibility.
- Retain existing open surface water systems in a natural state and restore conditions that have become degraded.
- Maintain surface water quality, defined as meeting federal and state standards and restoring surface water that has become degraded, to the maximum extent practicable.
- Restore and protect the biological health and diversity of the Lake Washington and Lake Sammamish watersheds in Bellevue's jurisdiction.
- Manage aquatic habitats, including shoreline and riparian (streamside) habitats, to preserve and enhance their natural functions of providing fish and wildlife habitat and protecting water quality.
- Prohibit creating new fish passage barriers and remove existing artificial fish passage barriers in accordance with applicable state law regarding water crossing structures.
- Improve wildlife habitat especially in patches and linkages by enhancing vegetation composition and structure, and incorporating indigenous plant species compatible with the site.

#### **Utilities Department practice:**

- This ongoing program provides funding to remove fish passage barriers such as impassable culverts, debris jams, or accumulated sediment, opening miles of spawning and rearing habitat for salmon populations. Typical projects include culvert replacement

or modification, debris removal, or installation of logs and boulders to channelize low stream flows. CIP Plan No. D-81 has been designated to do this.

City Contracting policies:

- BCC 4.28 provides for the fair and equitable treatment in the purchasing process. Because the amount of the contract exceeds \$50,000, Council approval is required.

**BACKGROUND**

Newport Creek flows into Coal Creek just upstream of I-405, at the Coal Creek - I-405 Stormwater Pond. Approximately 200 feet upstream from the confluence, the 84-inch King County Eastside Interceptor sewer line crosses the creek. Fish weirs that had been constructed over the sewer by the City in 1995 are no-longer passable and need to be replaced, so that fish can access nearly 3000 feet of habitat upstream in Newport Creek. The original permit issued by the Washington Department of Fish and Wildlife requires the City to maintain fish passage through our structures in perpetuity.

The selection process for this project was consistent with the City's policies and procedures. All consultants on the City's consultant roster with Aquatic Habitat – Fish Passage and Habitat Improvement experience were invited to submit a letter of interest and update their Statement of Qualifications with recent relevant experience. A total of sixteen (16) firms responded. The letters and SOQs from these firms were then reviewed to select the most qualified consultant.

A consultant selection committee was formed and SOQs were reviewed and ranked based on the following criteria; 1) Recent stream projects of similar scope and scale (to demonstrate the ability to efficiently complete all aspects of this type and size of project), and 2) Recent projects in nearby stream reaches of Newport Creek or Coal Creek (to demonstrate an understanding of the hydrology, hydraulics, and special issues in the basin). Each consultant was ranked based on these criteria, and the top seven (7) consultants were invited to submit targeted SOQs to further demonstrate their understanding and abilities. Of the seven consultants invited for this next round in the selection, five submitted SOQs.

The consultant selection committee independently reviewed the five SOQs and ranked the consultants based on their, project understanding, experience working on similar projects, expertise of key personnel proposed to be used on the project, and readability, creativity, and adherence to submittal criteria. The individual consultant selection committee rankings were then compiled, resulting in Natural Systems Design being chosen as the best firm for this job. Natural Systems design was the only firm with previous design and construction experience on Newport Creek. In addition, Natural Systems Design has also had several previous stream projects on Coal Creek, not far from the current project location.

As required by state law relating to contracts for architectural and engineering services, the City selects the consultant deemed to be the most highly qualified for a given project. State law precludes using cost as a basis for selection of engineering firms.

### **EFFECTIVE DATE**

If adopted, this Resolution will become effective immediately.

### **OPTIONS**

1. Adopt Resolution No. 8753, authorizing execution of a professional services agreement with Natural Systems Design, Inc. for engineering services, for the Newport Creek Fish Passage Final Design and Construction Phase Services, in the amount of \$91,300 (CIP Plan No. D-81).
2. Do not adopt the Resolution and provide alternative direction to staff.

### **RECOMMENDATION**

Adopt Resolution No. 8753, authorizing execution of a professional services agreement with Natural Systems Design, Inc. for engineering services, for the Newport Creek Fish Passage Final Design and Construction Phase Services, in the amount of \$91,300 (CIP Plan No. D-81).

### **MOTION**

Move to adopt Resolution No. 8753, authorizing execution of a professional services agreement with Natural Systems Design, Inc. for engineering services, for the Newport Creek Fish Passage Final Design and Construction Phase Services, in the amount of \$91,300 (CIP Plan No. D-81).

### **ATTACHMENTS**

CIP Project Description  
Proposed Resolution No. 8753

### **AVAILABLE IN COUNCIL DOCUMENT LIBRARY**

Consultant Contract

**Category: Storm Drainage**

**Status: Ongoing.**

Department: Utilities

**Location:** Various fish production stream systems throughout the City

### Programmed Funding

Programmed Funding	Appropriated To Date	FY 2013 Budget	FY 2014 Budget	FY 2015 Budget	FY 2016 Budget	FY 2017 Budget	FY 2018 Budget	FY 2019 Budget
5,257,002	2,583,362	333,400	349,133	366,381	383,956	402,612	413,497	424,661

### Description and Scope

**PROJECT NEED: Resource & Habitat Management**

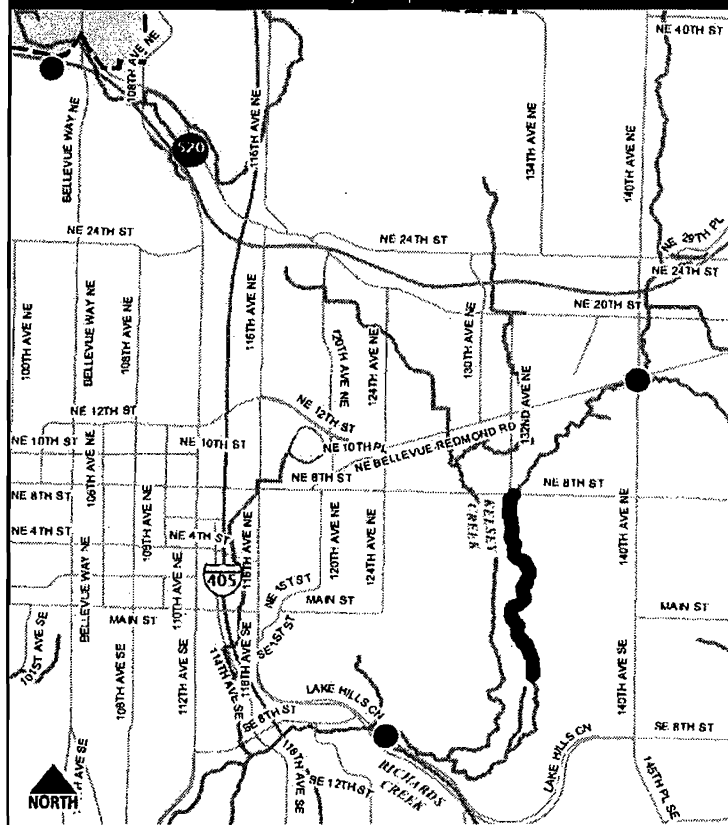
### Rationale

## Environmental Impacts

### Operating Budget Impacts

This project will have no impact on operating revenues (and/or) expenditures.

## Project Map



### Schedule of Activities

Project Activities	From - To	Amount
Project Costs	2000 - Ongoing	5,257,002
<b>Total Budgetary Cost Estimate:</b>		<b>5,257,002</b>

CITY OF BELLEVUE, WASHINGTON

RESOLUTION NO. 8153

A RESOLUTION authorizing the execution of a professional services agreement with Natural Systems Design, Inc., in an amount not to exceed \$91,300 (CIP Plan No. W-81) for engineering services for the Newport Creek Fish Passage Final Design and Construction Phase Services.

THE CITY COUNCIL OF THE CITY OF BELLEVUE, WASHINGTON, DOES  
RESOLVE AS FOLLOWS:

Section 1. The City Manager or his designee is hereby authorized to execute a professional services agreement with Natural Systems Design, Inc., in an amount not to exceed \$91,300 (CIP Plan No. W-81) for engineering services for the Newport Creel Fish Passage Final Design and Construction Phase Services, a copy of which agreement has been given Clerk's Receiving No. \_\_\_\_\_.

Passed by the City Council this \_\_\_\_\_ day of \_\_\_\_\_, 2014,  
and signed in authentication of its passage this \_\_\_\_\_ day of \_\_\_\_\_,  
2014.

(SEAL)

\_\_\_\_\_  
Claudia Balducci, Mayor

Attest:

\_\_\_\_\_  
Myrna L. Basich, City Clerk